

FORM PTO-1449 (Modified [6-1])

ATTY. DOCKET NO.

21401-7002

SERIAL NO.

10/005,626

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT(S)' INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

INVENTOR

Malcolm J. Simons

FILING DATE

December 3, 2001

GROUP ART UNIT

1655-1634



REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAM'R INITIAL		DOCUMENT NUMBER	DATE	NAME	Class	Subclass	Filing Date If Appropriate
B/L	A1	5,310,893	May 10, 1994	Erlich et al.			
	A2						
	A3						

FOREIGN PATENT DOCUMENTS

EXAM'R INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	Subclass	TRANSLAT'N
							yes no
	B1						
	B2						
	B3						
	B4						
	B5						

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OTHER ART (Include Author, Title, Date, Pertinent Pages, etc.)

B/L	C1	Cereb, Nezih et al., "Locus-Specific Conservation of the HLA Class Introns by Intra-Locus Homogenization," (1997) <i>Immunogenetics</i> , 47: 30-36.
	C2	Guardiola, John et al., "Molecular Genotyping of the HLA-DQ α Gene Region," (1988) <i>Immunogenetics</i> , 27: 12-18.
	C3	Kazazian, Jr., Haig H. et al., "Molecular Basis and Prenatal Diagnosis of β -Thalassemia," (1988) <i>The Journal of The American Society of Hematology</i> , Vol 72, No. 4, pp. 1107-1116.
	C4	Kotsch, K. et al., "Sequencing of HLA Class I Genes Based on the Conserved Diversity of the Noncoding Regions: Sequencing-Based Typing of the HLA-A Gene," (1997) <i>Tissue Antigens</i> , 50: 178-191.
	C5	Scharf, Stephen J. et al., "Direct Cloning and Sequence Analysis of Enzymatically Amplified Genomic Sequences," (1986) <i>Science</i> , Vol. 233, pp. 1076-1078.
	C6	Wong, Corinne et al., "Characterization of β -thalassaemia Mutations Using Direct Genomic Sequencing of Amplified Single Copy DNA," (1987) <i>Nature</i> , Vol. 330, pp. 384-386.
B/L	C7	Certified Translation of Inoko (1989) "DNA Typing of HLA Antigen," <i>Nihon Rinsho</i> , 47, 550-576.

EXAMINER B.L. Lison

DATE CONSIDERED 3-24-03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant(s).

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Substitute for form 1449A/PTO (modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if known	
				Application Number	10/005,626
				Filing Date	December 3, 2001
				First Named Inventor	Malcolm J. Simons
				Group Art Unit	1655-1634
				Examiner Name	Not yet assigned
Sheet	1	of	4	Attorney Docket Number	005493.P002

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US Patent Documents

Examiner's Initials	Date	Document Number	Name	Class	Sub- Class	Filing Date
BJA	04/15/86	4,582,788	Erlich			
	07/28/87	4,683,194	Saiki, et al.			
	07/28/87	4,683,195	Mullis, et al.			
BJA	07/28/87	4,683,202	Mullis			

Foreign Patent Documents

Examiner's Initials	Date	Document Number	Country	Class	Sub- Class	Translation
BJA	10/27/87	EPA 87309482.5	EP			
	06/09/87	EPA 87305100.7	EP			
	10/11/89	EPA 89310424.0	EP			
	02/24/88	EPA 0256630	EP			
	01/06/88	EPA 0269260				
	04/18/90	EPA 0364255				
	06/21/89	US89/02731	PCT			
	05/18/89	US89/02169	PCT			
	11/14/88	US88/04067	PCT			
	11/30/89	WO 89/11547				
	12/28/89	WO 89/12697				
BJA	06/01/89	WO 89/04875				

Examiner Signature	<i>B. L. Simon</i>	Date Considered	3/24/03
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

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of

4

Complete if known

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
B J L		DILELLA et al., "Tight linkage between a splicing mutation and a specific DNA haplotype in phenylketonuria," <i>Nature</i> , 322, 799-803 (1986).	
		DILELLA et al., "Screening for Phenylketonuria Mutations by DNA Amplification with the Polymerase Chain Reaction," <i>The Lancet</i> , pp. 497-499, (1988).	
		MAEDA et al., Tissue Antigens, (1989), 34: 290-298.	
		GEISEL et al., Abstract Biosis No. 87082065.	
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		FUNKE et al., Biosis No. 84025060 Abstract.	
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		DENG, Nucleic Acids Research, 16(13):(6231)	
		GRAHAM et al., "Application of Molecular Genetics to Prenatal Diagnosis and Carrier Detection in the Hemophilias: Some Limitations," <i>Blood</i> , 66,759-764 (1985).	
		SAIKI et al., "Enzymatic Amplification of β -Globin Genomic Sequences and Restriction Site Analysis for Diagnosis of Sickle Cell Anemia," <i>Science</i> , 230:1350-1354 (1985).	
		FUNKE et al., "Detection of a New Msp I Restriction Fragment Length Polymorphism in the Apolipoprotein A-I Gene," <i>J. Clin. Chem. Clin. Biochem.</i> , 25, 131-134 (1987).	
		<i>Molecular Biology of the Gene</i> , Fourth Edition, Calif., 1987, Chapter 20: "Conserved Sequences at Exon-Intron Boundaries in Pre-mRNA," pp. 639-640.	
		CLARK, "Interference of Haplotypes from PCR-amplified Samples of Diploid Populations," <i>Mol. Biol. Evol.</i> , 7(2):111-122 (1990).	
B J L		DICKER et al., "Sequence Analysis of a Human Gene Responsible for Drug Resistance: A Rapid Method for Manual and Automated Direct Sequencing of Products Generated by the Polymerase Chain Reaction," <i>BioTechniques</i> , 7:830-837 (1989).	

Examiner
Signature

B. J. Lison

Date
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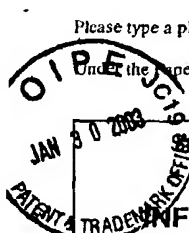


PTO/SB/08A (08-00)

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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B&L		DILELLA et al., <i>The Lancet</i> , I:497-499 (1988).	
		KOGAN et al., "An Improved Method for Prenatal Diagnosis of Genetic Diseases by Analysis of Amplified DNA Sequences-Application to Hemophilia A," <i>New Engl. J. Med.</i> , 317:985-990 (1987).	
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		RIORDAN et al., "Identification of the Cystic Fibrosis Gene Cloning and Characterization of Complementary DNA," <i>Science</i> , 245:1066-1073 (1989).	
		ROMMENS et al., "Identification of the Cystic Fibrosis Gene: Chromosome Walking and Juming," <i>Science</i> , 245:1059-1065 (1989).	
		SIMONS et al., pp. 952-958 In: <i>Immunology of HLA</i> , vol. 1: Springer-Verlag, New York (1989).	
		STEPHENS et al., "Theoretical Underpinning of the Single-Molecule-Dilution (SMD) Method of Direct Haplotype Resolution," <i>Am. J. Hum. Genet.</i> , 46:1149-1155 (1990).	
		<i>Molecular Biology of the Cell</i> , Second Edition, New York, 1989, Chapter 9: "RNA Synthesis and RNA Processing," pp. 531-535 and Chapter 10: Control of Gene Expression, pp. 602-604.	
		ERLICH et al., <i>J. Forensic Sciences</i> , Sep.: 1017-1018 (1990).	
		WAIKAN et al., P.N.A.S., U.S.A. vol. 75, No. 11, pp. 5631-5635, November 1978.	
B&L		ALLEN et al., <i>Biotechniques</i> , vol. 7, No. 7, pp. 736-744 (1989).	

Examiner Signature	<i>B. L. Simon</i>	Date Considered	3-24-03
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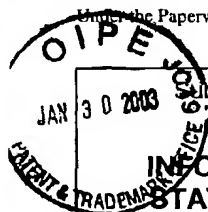


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BH		BOEHNKE et al., "Fine-Structure Genetic Mapping of Human Chromosomes Using the Polymerase Chain Reaction on Single Sperm: Experimental Design Considerations," <i>Am. J. Hum. Genet.</i> 45:21-32, 1989.	
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		ERLICH et al. "HLA Typing Using DNA Probes," <i>Bio/Technology</i> , 4:975-981 (1986).	
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		RIEß et al., "Hypervariability of intronic simple (gt)n(ga)m repeats in <i>HLA-DRB</i> genes," <i>Immunogenetics</i> , 32: 110-116 (1990).	
Bzf		RUANO et al., "Direct haplotyping of chromosomal segments from multiple heterozygotes via allele-specific PCR amplification," <i>Nucl. Acids Res.</i> 17:8392 (1989).	

Examiner Signature	<i>R. J. Simon</i>	Date Considered	3-24-03
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